Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 23 Mar 2021 until 23:59 on Wednesday 24 Mar 2021

Forecast Issued on Monday 22 Mar 2021 at 09:34

Confidence: High confidence in a change of weather type later in the week back to cold wintery conditions on the hills. Also high confidence for strong winds or gales throughout the forecast. Lower confidence for cloud amounts on Tuesday and Wednesday.

Headline for Tuesday 23 Mar 2021: Becoming windy with gales in the afternoon, cloudy with some drizzle or light rain.

Mountain weather hazards on Tuesday 23 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Fog	Drizzle	Cloudy	Cloudy	Dull	Light rain
Precipitation probability							
10%	10%	10%	20%	20%	20%	30%	50%

Forecast for Tuesday 23 Mar 2021

Weather: Mainly cloudy overnight but generally dry. A cloudy day with a few outbreaks of drizzle or light rain, more so in the southwest of the Lake District, best conditions to be found north of Ullswater where there may be a few bright or sunny spells. Some rain is expected later in the evening, this will fall as snow on the highest tops.

Chance of cloud free mountain/hill tops above 800m: 30% quite a lot of low cloud associated with the moist southwesterly airstream over the Lake District, perhaps 50% further northeast in the national park.

Visibility: With a lot of low cloud around, visibility will be quite poor at times higher on the fells. In the west cloud bases will be broken or overcast around 5-600m, in the northeast cloud will be more scattered with a base around 700m and a few breaks for the fell tops during the day. In drizzle and snow later on the high tops, visibility will be poor for a time and good navigation aids may be required.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 23 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	19/23 SW	23/29 SW	28/35 SW	32/41 SW	37/47 SW	41/53 SW	43/55 SW	44/56 SW	27/35 W
600	16/20 SW	21/27 SW	26/34 SW	30/39 SW	33/44 SW	35/48 SW	34/47 SW	33/46 SW	22/31 W
300	5/15 SW	8/20 S	11/25 SW	14/30 SW	15/34 SW	16/37 SW	15/35 SW	14/36 SW	10/24 W
Valley	6/15 SW	9/20 S	11/23 SW	13/27 SW	15/31 S	16/34 S	16/34 SW	16/36 SW	11/24 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-6	1/-6	-0/-8	-0/-9	0/-8	1/-8	2/-7	2/-6	1/-6
600	3/-2	2/-3	2/-5	2/-5	3/-5	3/-4	4/-4	4/-3	3/-2
300	5/3	4/2	4/1	5/0	5/1	6/1	6/2	6/2	6/2
Valley	7/5	6/4	6/3	7/3	7/4	8/4	8/4	8/4	7/4
Freezing Level*	1000m	1000m	900m	900m	1000m	1100m	1200m	1400m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant wind chill as winds strengthen during the morning with gales on the fell tops in the afternoon. Freezing level mainly above the summits but some higher fell tops will see a dusting of snow later in the evening.

Forecast for Wednesday 24 Mar 2021

Weather: Generally a bright and breezy day but feeling cooler. Some sunny intervals are likely but cloudy at times too and a few wintry showers are possible above 700m.

Maximum wind: Southwesterly 20-25mph with gusts 30-35mph.

Chance of cloud free mountain/hill tops above 800m: 80-90% most cloud will be well above the summits.

Visibility: Generally very good visibility with far reaching views but there will be patches of low cloud at times around 700m and more so around any showers that may form over the fell tops, when the overall visibility may dip to moderate or poor for a time.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 800m: Zero Celsius.
Freezing level: 800m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 22 March 2021 Location: Helvellyn summit at 1100 Full report: Conditions on Helvellyn today were very similar to the last few days. The remaining snow cover is continuing to thaw at all levels and the vast majority of paths can now be followed without setting foot on snow. However Striding Edge still presents a significant winter hazard with a steep bank of snow above a large drop on the exit slopes to the Helvellyn plateau. The snow was soft and granular today but firmer where it has been compressed by walkers feet and will quickly become hard and icy with the forecasted drop in temperatures later on in the week. Due to the serious consequences of a slip here the security of an ice axe and microspikes would be a very sensible addition to your equipment for anyone tackling the Hevellyn Edges. Swirral Edge has less snow cover but there is still a very short section to cross. The rest of the remaining snow is generally to be found on steep N through E aspects above 750m and in sheltered hollows and gullies. Cornices still exist above many steep slopes mainly but not exclusively those with a N through E aspect. These are very unstable in the warmer temperatures so please give them a wide berth and advise others with less experience to do likewise. Temperature: plus 1.4 C Maximum wind speed 18.5 mph Wind chill: minus 5.4 C Average wind speed: 15.1 mph

Issued at: 0934 on Mon 22 Mar 2021

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